



COLORADO SPRINGS,  
COLORADO

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**Pikes Peak Radio Amateur Association, Inc.**  
**P.O. Box 16521**  
**Colorado Springs, Colorado 80935**

**FIRST CLASS MAIL**

1 Renew before 12/31/96  
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# Ø BEAT



## Pikes Peak Radio Amateur Association Officers and Directors

|                 |               |        |                     |           |       |          |
|-----------------|---------------|--------|---------------------|-----------|-------|----------|
| President—      | Rob Roller    | WB7WHT | 4846 Herndon Cir    | Colo Spgs | 80920 | 282-0204 |
| Vice-President— | Doug Moloney  | WBØMHP | 3817 Vaquero Cir S. | Colo Spgs | 80918 | 590-2757 |
| Secretary—      | Warren Hickey | WØYNE  | 12895 Tia Ln        | Colo Spgs | 80908 | 495-0471 |
| Treasurer—      | Mary Salus    | KBØSHP | 11710 Tracy Ln      | Peyton    | 80831 | 749-0244 |
| Ø-Beat Editor—  | Jeff Boyes    | NØJLH  | 2626 East Bijou St  | Colo Spgs | 80909 | 633-5650 |
| * Board Member— | Ron Deutsch   | NKØP   | 4305 Ridgelane Dr   | Colo Spgs | 80918 | 593-8352 |
| * Board Member— | Jeff Ryan     | NØWPA  | 6721 Northface Ln   | Colo Spgs | 80919 | 260-6826 |
| * Board Member— | Gloria Ryan   | NØZFX  | 6721 Northface Ln   | Colo Spgs | 80919 | 260-6826 |
| * Board Member— | Harry Russell | NØSFP  | 11710 Tracy Ln      | Peyton    | 80831 | 749-0244 |

The Ø-BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., PO Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see the last page of this publication. Monthly advertising rates: Full page, \$48; Half page, \$24; Quarter page, \$12; Business card, \$6. These rates are billed quarterly. Send your ad requests and payments to: PPRAA, PO Box 16521, Colorado Springs, Colorado 80935.

Check out the PPRAA page on the World Wide Web! Go to: <http://rainbow.rmii.com/~mugele/ppraa/>

Deadline for submission of articles or advertisements is the 20th of each month. Submissions are accepted in any form. Articles should be sent directly to the Ø-BEAT Editor (email to [jboyes@kktv.com](mailto:jboyes@kktv.com) is preferred.) Permission is granted to reprint articles provided credit is given to both the author and this publication.

## License Exams

License examinations sponsored by the Pikes Peak Radio Amateur Association are held on the 2nd Saturday of February, April, June, August, October, and December.

Testing takes place at 9 A.M. at:

Denver Technical College  
225 South Union  
Colorado Springs

Everyone is seated on a walk-in basis. Those wishing to take an exam should bring the following items:

1. \$6.05 (preferably a check/money order made out to ARRL/VEC) for any exam other than element 1A or 2.
2. Picture identification.
3. A copy of your current amateur radio license, and/or a copy of any examination credit you have, as well as the signed original. We keep the copies.
4. A pen, pencils, and a calculator if you need one.

If you have any questions, call Erik Mugele, KGØXE at 596-5345. Please do not call Denver Technical College.

## Committee Chairpersons/Contacts

|                       |                 |        |          |
|-----------------------|-----------------|--------|----------|
| Ø-Beat Editor         | Jeff Boyes      | NØJLH  | 633-5650 |
| Activity              | Doug Moloney    | WBØMHP | 590-2757 |
| Auditing              |                 |        |          |
| Historian             | Al Craig        | N2IWZ  | 594-9288 |
| Interference          | Bill Petty      | NØNJX  | 591-2116 |
| Membership            | Les Borst       | KCØNC  | 634-3995 |
| Programs              | Doug Moloney    | WBØMHP | 590-2757 |
| Publicity             | Aaron Pelouze   | KD6FLM | 282-9715 |
| Public Service        | Mike Stansberry | KØTER  | 636-1290 |
| Swapfest '96          | Harvey Hunter   | WA3EJB | 597-8964 |
| Technical Instruction | Linda Hedges    | KBØRKW | 520-9238 |
| VE Testing            | Erik Mugele     | KGØXE  | 596-5345 |

## Other Organizational Liaisons

|               |                 |       |          |
|---------------|-----------------|-------|----------|
| ARES Liaison  | Mike Stansberry | KØTER | 636-1290 |
| CCARC Liaison |                 |       |          |
| RACES Liaison | Larry Dunn      | N9HSW | 481-0369 |

## Reminder — General Membership Meeting

The next General Membership Meeting of the Pikes Peak Radio Amateur Association will be on the second Wednesday of this month at the Disabled American Veterans Hall, 6880 Palmer Park Blvd. The meeting will start at 7 PM.

## AMATEURS NEED TO MOBILIZE AGAINST THREAT TO 2 METERS, 70 CM

Excerpted from: The ARRL Letter, Electronic Update, May 31, 1996. The American Radio Relay League is asking radio amateurs across the United States to help defeat a threat to the two most heavily used amateur VHF and UHF bands. An industry working group known as IWG-2A that is preparing draft US proposals for the 1997 World Radiocommunication Conference has before it a list of "candidate bands" for low-earth orbit mobile satellites ("little LEOs") that includes, among a number of others suggested for consideration, the 144 and 420 MHz bands. Little LEOs are intended mainly to offer commercial paging and other low-data-rate messaging services. The list of candidate bands was submitted by little LEO industry representatives at a meeting of IWG-2A on May 7. ARRL Technical Relations Manager Paul Rinaldo, W4RI, was present and objected strongly to the inclusion of these two bands. He was told that objections should be submitted in written comments, and the ARRL did so on May 15. At the same time the ARRL advised the industry participants in IWG-2A along with its chairman, Warren Richards of the Department of State, that if we did not receive assurance that the bands would be dropped from the list of candidate bands we would have no choice but to advise members in July QST that the bands were under threat. No such assurances were forthcoming. Instead, we were told that as long

as little LEO allocations requirements remained unsatisfied, everything had to remain on the table.

This response was not acceptable. Accordingly, when July QST went to the printer on Tuesday, May 28, it included the following editorial. The editorial speaks for itself, but it is worth emphasizing that there is no reason for panic. What we are dealing with is an ill-considered industry effort that is in its early stages; there is no reason to believe there is any government support for any move against these two amateur bands. Our mission is to quash the idea before it goes any further. An outpouring of thoughtful comment by amateurs, explaining why the public interest would not be served by the introduction of commercial services into these bands, will go a long way toward ensuring the desired outcome.

*[Reprinted with permission from July 1996 QST...Ed.]*

It Seems to Us, July 1996 QST:

Write Now! Get out a pen and paper, or boot up your computer. There's work to be done! Your help is needed to defend two meters and 70 cm. Yes, that's right—the two most popular and crowded amateur VHF/UHF bands! But don't panic, and don't "go ballistic." Here's what's happening, and what you can do about it.

The United States is preparing for the 1997 ITU World Radiocommunication Conference, WRC-97. In the past, the public

has been able to participate in the preparations for such conferences by responding to FCC Notices of Inquiry. In March, the FCC announced a streamlining of its International Bureau's preparatory processes for WRCs. Under the new scheme, the NOIs have been eliminated in favor of increased emphasis on WRC Advisory Committees.

For WRC-97, a series of Informal Working Groups (IWGs) of the Advisory Committee has been created to address specific agenda items. The output of each IWG will go directly to a joint FCC-NTIA-Department of State Steering Committee of the Advisory Committee. There, draft proposals as received from the IWGs will be reviewed and forwarded to the FCC for possible release as preliminary U.S. proposals for public comment.

In announcing the streamlined WRC preparatory process, the FCC tried to reassure those who might be concerned about reduced opportunities for public participation: "Interested parties should note that input to the Advisory Committee may be sent at any time directly to the Chair of the WRC-97 Advisory Committee, the Chairs of the Advisory Committee's Informal Working Groups; Cecily C. Holiday, the FCC's federal officer of the WRC-97 Advisory Committee, or to Damon C. Ladson, the alternate federal officer." Hold that thought while we shift gears to the substance of the issue.

One of the WRC-97 agenda items includes consideration of possible additional frequency allocations for

the mobile-satellite service. So-called "little LEOs," low-earth orbit satellites below 1 GHz, already have allocations. Their proponents claim these are inadequate and are trying for more. The needs of little LEOs are being addressed in IWG-2A, chaired by Warren Richards of the Department of State. The ARRL technical relations staff participates in IWG-2A to represent Amateur Radio interests. At the May 7 IWG-2A meeting, an industry representative proposed a list of "candidate bands" for little LEOs. The list includes a number of bands that would negatively impact existing services, and does not include others that would be technically more feasible but to which strong objection from incumbents could be expected--the point being that some political, rather than purely technical, judgment already has influenced the list. Incredibly, 144-148 and 420-450 MHz were included on the list! This is the first time in memory that another service has been proposed for the two-meter amateur band. We must make sure it is also the last time.

We do not need to explain to ARRL members the extensive use that is made of these bands by amateurs. The two bands provide the backbone of our local public service communications effort. Voice and data, mobile and fixed, even television--the list of present amateur uses is a long one, and of future uses is even longer. Both are already used for satellite services and for moonbounce and extended-range terrestrial operations requiring extremely sensitive

receivers and high levels of effective radiated power. Apparently we did need to explain all this to the little LEO industry representatives, so we did just that--both at the meeting and in a followup letter on May 15. We also explained that we had to regard the matter as extremely serious. No one with the slightest background in radiocommunication could possibly believe that a mobile-satellite service could be introduced into either band without disrupting existing and future amateur operations. Therefore, we said, if we did not receive assurance that they would be taken off the list of candidate bands by the deadline for this issue of QST, we would have no choice but to bring the matter to the attention of the entire membership.

The response we received was unsatisfactory. In effect, we were told the little LEO industry would consider our views but that until their spectrum needs are satisfied, all bands must remain under consideration.

So, this is a call to action. We must get across to the industry and government participants in IWG-2A that the 144-148 MHz and 420-450 MHz bands cannot be considered as candidates for mobile-satellite services. We need to drive the point home so forcefully, with so many grassroots responses, that no one is ever tempted to try this again. Which brings us back to that invitation for "interested parties" to send input "at any time." There's no time like the present! Here are the key addresses, including those of the

mobile-satellite industry folks who seem to have started the ruckus: Cecily C. Holiday, International Bureau, FCC, Washington, DC 20554; e-mail [choliday@fcc.gov](mailto:choliday@fcc.gov); fax 202-418-0748.

Warren G. Richards, Chair, IWG-2A, Department of State, CIP 2529, Washington, DC 20520; e-mail [richardswg@ms6820wpoa.us-state.gov](mailto:richardswg@ms6820wpoa.us-state.gov); fax 202-647-7407.

Tracey Weisler, FCC Rep, IWG-2A, International Bureau, FCC, Washington, DC 20554; e-mail [tweisler@fcc.gov](mailto:tweisler@fcc.gov); fax 202-418-2824.

Mary Kay Williams, Final Analysis, Inc, 7500 Greenway Center, Suite 1240, Greenbelt, MD 20770; fax 301-474-3228.

Leslie Taylor, President, LTA, 6800 Carlynn Ct, Bethesda, MD 20817; e-mail [ltaylor@lta.com](mailto:ltaylor@lta.com); fax 301-229-3148.

Do comment. But be civil. Don't abuse people who are simply doing their jobs. We have to get across that casting covetous eyes on amateur bands is counter-productive, and contrary to the public interest. To accomplish this we need a lot of comments, including yours. But remember that the objective is to educate and persuade, not to intimidate. We don't need to. The facts are on our side.

Write now. Right now!--David Sumner, K1ZZ.



## Zero Beat

### PPRAA General Membership Meeting Minutes May 8, 1996

The General Membership meeting was opened at 1905 hrs by the president Rob Roller, WB7WHT, upon determining a quorum of the membership was present. Members and guests introduced themselves. The treasurer's report was given by Mary, KB0SHP. As of 30 April 96, we have a balance of \$2734.50. In April, we took in \$521.03 and paid out \$622.17. The minutes of the April membership meeting as published in 0-Beat were approved.

#### Committee Reports:

V.E. Testing: Linda announced that 14 students in the last session had passed and received their licenses. The next VE Test Session will be held at the Tesla Society on Wed night at 7:00 p.m.

Publicity: Aaron briefed on a new PPRAA flyer that would be available for advertising.

Interference: Bill spoke about two interference activities this past month.

Programs: Doug, WB0MHP, announced that tonight's program was the ultimate Field Day. The programs for June will be on Field Day, July on ATV, Aug is not confirmed and Sep will be on GPS. Oct will be PPRAA elections.

Swapfest: Carlos, KB0REI, reported ticket sales were slow and asked if any one was going to a swapfest would they see him help by taking some books to sell. We

all must get out and sell tickets, if we are to have a successful swapfest. Harv needs a co-chairman to help. Ted Colby will host a session on Packet and Craig Setzer will host a session on weather. Harv is working on getting a guest from ARRL.

Field Day: The Field day site will be at the HP Recreation Area on 22 and 23 Jun. Set up will start on the 21st about 1:00 p.m.

Old Business: None.

#### New Business:

Mike, KB0IAP, the Operations Officer for the Pikes Peak FM Association (PPFMA,) briefed on how to request use of PPFMA repeaters. He stressed that net users should be sensitive to amateurs who have to use the repeaters during the events.

Les suggested that we should have FCC 610's available at the membership meetings.

Hammy Award: The Hammy award was presented by Linda, KB0RKW, to Dave, N0EOP. Congratulations Dave.

Next Board meeting will be at Rob's, WB7WHT, on Monday May 13 at 1900 hrs.

Program: Alert, the Ultimate Field Day.

Respectfully submitted by Warren, W0YNE, Secretary

### Welcome Our New Members

|                  |        |          |
|------------------|--------|----------|
| Austin Cleis Jr. | W6RML  | 493-3177 |
| Steve Lindemann  | KB0UMO | 573-1940 |
| Mark Stevens     | NL7XU  | 493-0598 |
| Martin Walker    | KB0TSM | 598-2489 |

### El Paso County HF Roundtable

Sunday evenings just after the El Paso County RACES 7:30 PM (local) HF net, on 28.385 MHz

Everyone is invited to check in.

### June's Program: Field Day -- The big event! Doug, WB0MHP

In just about two weeks the PPRAA will be in the midst of one of it's biggest events -- the annual Field Day. Field day weekend is June 22nd and 23rd, with Friday June 21st being the day most of the campers arrive, set up, and have an evening of fun.

In preparation for an effort of this magnitude, Jeff, N0WPA and Mike, K0TER will provide a Field Day program for the June club meeting on June 12th at the Disabled American Veterans Hall.

So don't miss June's meeting if you are interested in this year's field day. Even if you can't make field day, you won't want to miss some anecdotes from field days past.

**Fax Number Help**  
**Aaron Pelouze, KD6FLM**

I would like to know the fax numbers for: 73 Amateur Radio Today, Worldradio, Nuts & Volts Magazine and CQ Communications Inc. The number can be found on the first few pages. Please call 282-9715 or e-mail  
 APKD6FLM@AOL.COM.



**OM/YL**  
**LUNCH BUNCH**

The Lunch Bunch will have their June get-together on June 20th at the Country Harvest, 3020 East Platte, about 11:30.

The group favors buffets and we like to go to different places as every one has their favorite. The buffets have been generous to us by giving us meal coupons to give as door prizes at our Swapfest.

C U,  
 Rosie Calaway, WA0MNL  
 471-9965

**WD0K Estate Info**  
**Les, KC0NC**

Since I have had several inquiries for the keys from the estate of WD0K, I will try to have same at the next meeting. At that time I will accept bids from those interested in these items.

**Swapfest Notes**  
**Rosie Calloway, WA0MNL**

I want to thank Carlos, KB0REI, for taking on the responsibility of Swapfest Ticket chairman. Carlos is also helping secure some of the door prizes, along with myself and John, N0QJS. Thanks fellas! We've already gotten some prizes. If you have something to donate, for a prize give me a call at 471-9965, or call Carlos at 632-1569, or bring them to the June meeting.

**Words from the President:**  
**Rob Roller, WB7WHT**

WB7 What Hectic Times!

Ah, summer! Graduations (as in license upgrades), barbecues (as in antenna raising parties), campouts (as in Field Day), fresh air (as in opening the window to your shack), lots of things to do (as in plenty of hamfests)! Summer seems like it was made for amateur radio. As summer rapidly approaches we again are all finding more to do than is possible in 24 hours each day. I think most of us would like to spend at least some time barbecuing in the back yard or visiting places we've never been. But somehow Field Day seems to take priority over that. Hey! If you think about it, we're just barbecuing in someone else's back yard instead, and I'd be willing to bet that most of us have never visited the Hewlett-Packard

recreation area! Sounds good to me! I know that weekend is already taken but I'm at least going to try to make the barbecue!

The planning for Field Day is coming together quite nicely. Both the PPRAA and the MARC members will have a great time. If you've never met any of the MARC members, Field Day will be the time to break the ice. They're a bunch of great people up there in Woodland Park.

Back here in COS, some folks have been busier than others -- some of our Elmers, that is. We did exercise our Elmer list in the past month to help KB0EBL, Lidy, pass her General written exam. So the concept of Elmering does work. (An Elmer is a person who is willing to help another person succeed in their amateur radio endeavors. That goes for helping to pass a test, install a station or antenna, or just showing someone the ropes for a favorite part of the hobby.) So if there's a special part of amateur radio that you'd be willing to help others out with, please step forward. Thanks to all those who helped Lidy.

So between the hamfests, public service activities and just general operating, you've got your whole summer planned. Bike rides, 10Ks, fund raiser walks, auto racing. And we'll throw in a few fox hunts to keep it exciting. And as always, plenty of good programs scheduled

## Zero Beat

by Doug, WB0MHP, for your 2nd Wednesday enjoyment.

And finally, just a few words on the insurance issue, which is a complete change of subject.

Several people approached me in person or via e-mail to ask what's going on with the insurance. First of all, let me briefly state the purpose of a Board. Regardless of size of organization or purpose, the role of a Board begins with legal responsibility. The Board members serve at the pleasure of the members and conduct the "business" of the club, ensuring the proper operation of the organization. This covers everything from defining the purpose of the organization and managing the monthly meetings to management of finances and all other legal responsibilities such as taxes and liability. It's not unlike the role of the US government with respect to the people of the US. If we focus on the liability issue we can find several legal cases where Board members have been held legally accountable for their actions. Although this rarely happens, when it does it's because the Board members failed to exercise reasonable oversight of the organization's activities. Suffice it to say that in most situations, The law is fair to the organization and its Board members as long as attention is paid to responsibility.

In our case, the PPRAA had implicitly supported Skywarn in the past but the Board did not fully understand what liability the club would have if someone participating in Skywarn activities were to be injured. There is not a clear, documented policy defining our support to Skywarn. In order to ensure the PPRAA was not liable for accidents or injuries the motion was passed.

This decision was strictly an objective decision based on the situation. This is not to say that the PPRAA should forever deny support to Skywarn or to condemn all prior support we have given to Skywarn. One can browse through past issues of the 0-Beat to see that the PPRAA has graciously supported Skywarn as well as ARES and RACES in the past. What is missing is the clear, documented policy defining our limitations to the support we give to Skywarn. The issue can be revisited at any time. It's up to someone to define a clear, documented policy limiting our responsibility. As with any action that the membership or the Board takes, it all begins with a motion.

### **Ham Class Update Linda Hedges, KB0RKW**

The General Licensing Classes have been completed at the Tesla Society, 2230 E. Bijou Street in

Colorado Springs, Colorado on May 15th, 1996

A heartfelt thank you, once again, goes out to both Frank McNally, KF0WF, and Al Bailey, AD0Z, for there dedicated and untireless efforts of instructing both soon to be, and upgrading hams on their journey throughout the examination process, so they could obtain their goals in the ham community. It is a prime example of the Elmering process at work. Both Frank and Al have been teaching the Novice thorough General classes for some years, and with the sound and ethical practices they have installed at there classes, all that have passes through the doors as the Tesla Society, on their way to hamdom, are undoubtedly more knowledgeable and more courteous operators for their efforts.

A thank you also goes out to the efforts of the other Elmers who assisted in the classes this year, and for the work they have done: Pat Conner, KB0REF; Joe Thomas, N0YCH; Jake Jacobs, N0CYR; Rodger French, KB0RLE; Scott Seymore, KB0SLG; Rob Roller, WB7WHT; and the many VE Test Team Members, who administered the extra examinations and the examinations for special needs people throughout the 1995-1996 year. Thank you Eric Mugele, KG0XE, and Bill Stanfill, K4YCD. Also a big thank you to the many people at the Tesla Society who

donated their time and efforts so that we all had a place to meet and study. Without the Tesla Society we would have no classes. In conclusion, a special thank you to everyone that helped out and that I forgot to mention. We really couldn't have done it without all the support of the ham community. These classes are what will provide the PPRAA with their future, more knowledgeable members. We, the members of the PPRAA, should welcome them and help them through their first months in the ham community.

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**Field Day Weekend June 22-23, 1996 and... YOU are Invited!**

**Jeff Ryan, NOWPA**

Field Day is the annual ham radio event where amateurs across the nation set up stations "in the field" and operate for 24 hours. Billed as an exercise in long duration emergency communications, Field Day has become one of the most anticipated annual events within the hobby. This year, the PPRAA annual Field Day will be held at the Hewlett-Packard recreation area known as Sourdough Valley which is located on Highway 67 just north of Woodland Park (2 miles north of the intersection of Highway 24 and Highway 67, on the east side of the highway). Joining the PPRAA this year as a co-sponsor is Teller

County's amateur radio group, the Mountain Amateur Radio Club (MARC).

The primary goal is to provide an event where local hams can have FUN! What better time can be had then to spend a June weekend camping in the Colorado mountains? Then... throw in a bunch of hams setting up towers and stringing dipoles in the trees; testing generators and other emergency power supplies; learning about the propagation of HF, VHF, UHF, and satellite from some real pros; swapping stories about Field Days past and the contact that got away; and sampling Jake's Bean Supreme and George's Elk Chili! If you've never participated in a local Field Day and are hesitant to do so because you are new- or you aren't sure if you'd be welcome- or you're not sure if you would do anything except stand around and watch- then please understand that the only requirement for ANYONE to participate in Field Day is to show up.

This is a golden opportunity for newcomers (and oldcomers) to find out more about some aspect of the hobby that might interest them. If you desire to work bands and/or modes not within your license privileges, no problem! Control Operators will be at all transmitters which means even unlicensed operators can get on the air. If you want to operate, you will operate. If you want to help set up a tower

or a GP-Medium Army Field Tent or learn how to use a bow and arrow to string a dipole, your help will be greatly appreciated. The emphasis is on learning and having fun. If you wish to camp (tent or RV), please let me know so there's sure to be space available.

Field Day set-up will begin Friday, June 21st between 1:00 pm and 7:00 pm. At 7:00 pm we're planning a "social", bring your favorite specialty camp food to share! Saturday morning between 8:00 and 11:30 am we finish setting up, tune up and synchronize watches. Saturday at Noon, on-the-air operations begin and continue until Sunday at Noon.

Field Day '96 in the Pikes Peak region promises to be a great time! Talk-in will be on the Woodland Park 146.82 repeater. I encourage everyone to stop by for an hour or two... or three... or twenty-four!

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**Attention Scanner Enthusiasts**  
**Jeff Boyes, N0JLH**

One of the Special Interest Nets that meets on-the-air is the Rocky Mountain Monitoring Net. They meet on Sunday evenings at 8:00 p.m. local on 145.160 in Colorado Springs.

If you know of some active frequencies in the area, let me know. Maybe I can find some space to print them!



## Zero Beat

### **WB0MHP hides again! Doug Moloney, WB0MHP**

May 19th found Les, KC0NC, and Jody, KA0ROZ, hiding for the May hidden transmitter hunt. Hunting the fox was Jeff, N0WPA, Dave, N0UVR, and Doug, WB0MHP. The weather was great but the signals did their usual bouncing. The first indication of direction from the starting point was the infamous reflective rock -- known as the front range

After the nebulous reflection chasing, everyone finally found Les and Jody lounging leasurly in the parking lot at Union and Lelaray, just across Union from East Junior High. At one point it sure looked like Les was hiding in the parking lot of the Patty Jewett Golf course -- sneaky eh?

Dave, N0UVR found Les and Jody first but with 3 miles more than Doug so the June fox will be WB0MHP. Be ready for another fun hunt on June 16th. If you know anyone that would like to hunt but they don't have the equipment, invite them to ride along. The more the merrier!

The starting point will be the parking lot of the Radio Shack on Austin Bluffs Parkway, about 1 block west of Academy. I will start taking mileage at 1:45 PM with the hunt starting at 2:00 PM.

Rules are that I be on public land, accessible by normal 2-wheel drive car, in El Paso County, and NOT in Manitou Springs. The winner will be determined by the lowest

reading on their odometer. NO SPEEDING! Traffic tickets will guarantee last place!

If you would like to participate but do not have any transmitter hunting equipment, come anyway. We are encouraging doubling up so that new folks can learn and help the driver with the antenna.

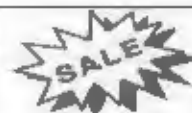
See You There!

### **Doug is a good old hound Les Borst, KC0NC**

Due to Mother's Day falling on the Sunday following the Club meeting, the Fox Hunt was held on May 9th.

The hunters, Doug, WB0MHP, and family, Jeff, N0WPA, and Dave, N0UVR, started on a nice sunny day from a parking lot near the Mall of the Bluffs.

From the reports I received, the reflections were wild as ever. At about 4:30 the first hunter showed up at the fox's location on North Union east of the Patty Jewett golf course. Soon the others showed up. After comparing notes and routes it was calculated that Doug, WB0MHP, had the lowest mileage and therefor will be the Fox for the June hunt.



### **Dits and Bits**

#### **For Sale:**

Kenwood TH-22AT 144 mHz FM Transceiver - Never used (YL never got interested in radio) \$250.  
Bob, KE5FWV, 495-1534

#### **For Sale:**

Heathkit SB-102 with SB-600 speaker, HP-23 AC Power Supply, EV-638 mike.  
Halcrafters S-40B Comm Rcvr  
Trinetics DL-1000 Dummy Load  
Radio Shack 19 ft. push-up mast  
Ringo Ranger II 2M Vertical Ant  
MFJ-922 Versa Tuner  
Butternut HF-6V HF Vert Ant  
Santec ST-144 2M Handheld  
Astron RS-12A Power Supply  
Icom IC-730 HF Xcvr  
Bud, NØDDF, 475-0537

#### **For Sale:**

Uniden Bearcat 100XL  
programmable 16 channel handheld scanner with case, charger, instructions. \$60.00  
Kantronics KAM version 5.0 with all manuals and some connecting cables. Asking \$200.00  
Hamstick mobile antennas:  
9175 (75M,) 9140 (40M,) 9120 (20M,) 9007 (2M colinear.) Also a Radio Shack stainless steel 10-11M whip. Asking \$5.00 each.  
Steve, KØCI, 598-3554

## Pikes Peak Radio Amateur Association

### For Sale:

Tri-Band beam, Rotor, and 40 ft  
tilt-over tower - \$250.00  
Don KEØWC, 683-2883

### Wanted:

1920's Transmitters  
Old Photographic Equipment  
Harry Gray, WAØTHB

*[Remember: Items submitted for  
Dits & Bits will only be printed in  
one issue unless prior  
arrangements have been made.  
Ed.]*

### National Amateur Radio Week

*[From the Internet...Ed.]*

June 16-23 is Amateur Radio Week! This annual event is an excellent opportunity to create public awareness, generate media interest and of course, publicize the culminating event: Field Day! Setting up demonstrations, giving talks, or having your town mayor or state governor proclaim the week are just some of the activities hams typically do leading up to Field Day. Letting people know what the hobby is all about and the valuable service hams provide in times of disaster is the name of the game!

### KKTV freEmail Rob Roller, WB7WHT

Want to receive internet e-mail but don't want to pay the monthly fees for a full-service internet account? Channel 11 KKTV and Softronics have teamed up and created FreeMail. It's been available for several months and several of our PPRAA members have already taken advantage of this free e-mail. It's very easy to install and use and it really is FREE! It's free because the system is paid for by advertisers.

It's also easy to obtain. Did you know the local library has several copies that can be checked out? You'll find it in the video section, or ask the librarian for help. The package contains three 3.5" HD diskettes and some simple instructions. It takes about five minutes to install and set up. The installation does everything for you except give you your on-line name and password. Once you're in you can send and receive e-mail via the internet. It even supports file attachments so you can't complain about anything.

The advertising appears as a strip across the bottom of the window. It runs in the background, changing every so often. If you're interested in the advertised product you can click on the advertisement and hear a short audio clip about the company. If you don't have a sound card I'm not sure what'll happen.

You'll need an IBM-PC compatible with Windows 3.1 or higher and a modem. I installed it this weekend and created an e-mail account for my daughter. I only had one problem. It appears that if enough conventional memory (below 640K) isn't available it's possible that the installation program won't work properly. I had to make a minor change to the configuration files and reinstall FreeMail. Once installed, I changed the configuration files back to their original state and nothing has bothered it yet.

If you get on, send a test message to me at "rollerr@usa.net I'm sure we can find ways to use them. If you already have a Windows compatible PC and a modem, you should, without hesitation, RUN down to the library and check out this package. There's absolutely no reason not to have this capability. And there are lots of reasons to have it. At least as many as the number of friends you have.

Many of them already have e-mail. In addition if you don't have packet radio, you can use this to send and receive packet mail. More on that another time.

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